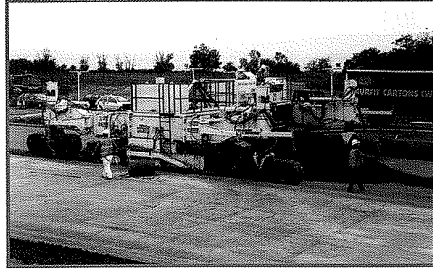


S1000 / S1500

Applications



Slipform paving 38'-0" (11.6m) wide plain, dowel joint concrete pavement using dowel bar inserter attachment.



Spreading and pre compacting cement treated base at 23'-0" to 31'-0" (7m to 9.5m) wide with vibrator compactor beam attachment.



Slipform paving 47.9' (14.6m) wide of continuous reinforced concrete using integral side feeder/wiper conveyor attachment.



Slipforming 16" (406mm) thick airfield pavements at 25'-0" (7.5m) wide with side dowel bar and transverse dowel bar inserters.

	S1000	S1500
Paving Width	18'-0" to 44'-0" (5.5m to 13.5m)	18'-0" to 56'-0" (5.5m to 17m)
Engine	335 bhp / 250 kW @ 2100 RPM	425 bhp / 317 kW @ 2100 RPM
Fuel Tank	140 U.S. Gallons (529L)	175 U.S. Gallons (662L)
Vibration	Up to 32 hydraulic vibrators <i>Option to 48 vibrators</i>	Up to 48 hydraulic vibrators
Crawlers	D-3 size / 93" (2388mm) long 16" (406mm) wide triple grouser pads <i>Option to D-4 size</i>	D-4 size / 109½" (2788mm) long 20" (508mm) wide triple grouser pads <i>Option to D-5 size</i>
Lift Jacks	39" (991mm) stroke with 10" (254mm) square tube	42" (1067mm) stroke with 12" (305mm) square tube

Some items shown in photographs and illustrations may be optional. Guntert & Zimmerman will custom build any machine or accessory to suit your particular job requirements. Guntert & Zimmerman Const. Div., Inc. reserves the right to make improvements in design, material, and/or changes in specifications at any time without notice and without incurring any obligation related to such changes. Manufactured under one or more of the following U.S. and Foreign Patents: 5,590,977; 5,941,658; 6,082,927; 4,433,936; 4,493,584; 6,176,643B1; 6,390,726B1; 6,390,727B1; 6,579,037B2; 9,692,344B3; 9,892,511S2; 0051885B1; 117323; and Patents Pending.

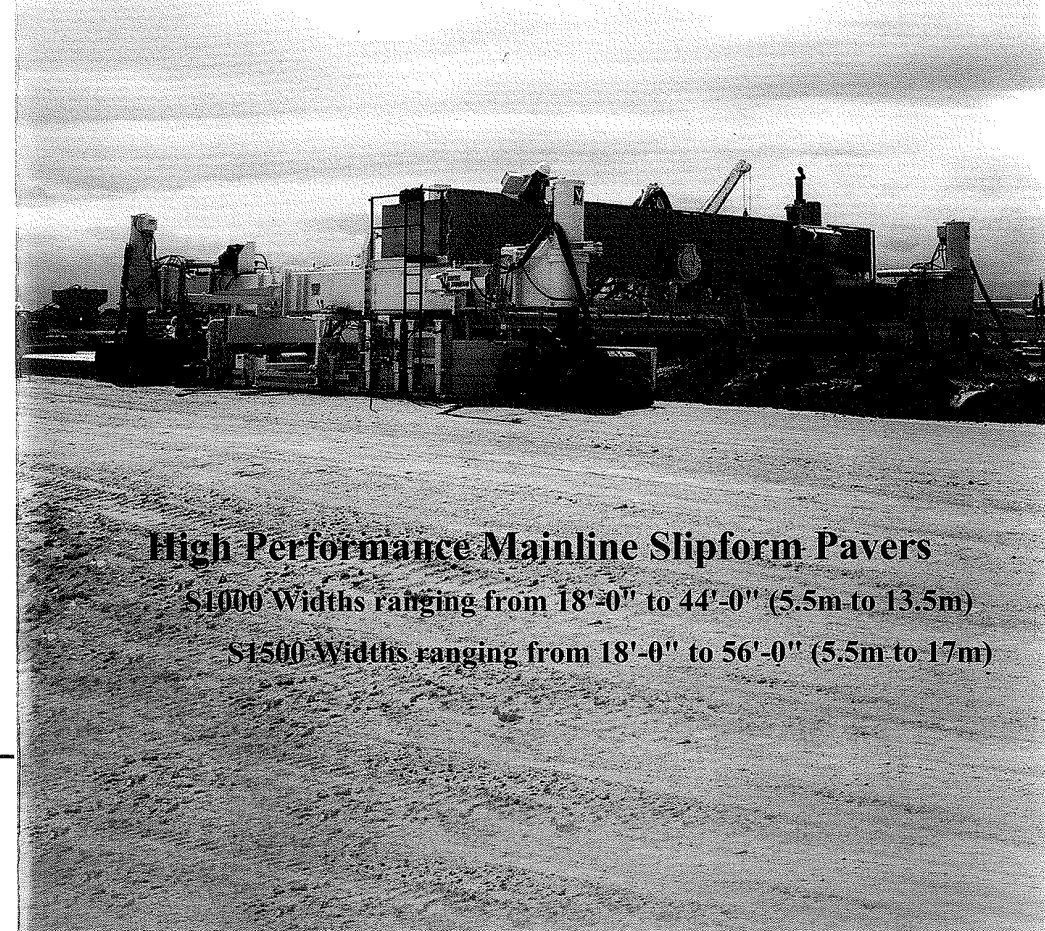
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GUNTERT & ZIMMERMAN

S1000 / S1500

Base & Concrete Slipform Pavers



High Performance Mainline Slipform Pavers

S1000 Widths ranging from 18'-0" to 44'-0" (5.5m to 13.5m)

S1500 Widths ranging from 18'-0" to 56'-0" (5.5m to 17m)


**GUNTERT
& ZIMMERMAN**

Guntert & Zimmerman Const. Div., Inc.
222 East Fourth Street, Ripon, California 95366 U.S.A.
Telephone: (209) 599-6131 Fax: (209) 599-2021
E-mail: gz@guntert.com Web Site: www.guntert.com

S1000 / S1500

S1000 / S1500 PAVING SYSTEM

Since 1983 when G&Z's first four-track mainline slipform paver was introduced, the S1000 / S1500 models have undergone continuous improvement. G&Z strives for perfection in their products so end users gain a distinct advantage in today's extremely competitive market. Recent improvements to G&Z's S1000 / S1500 design:

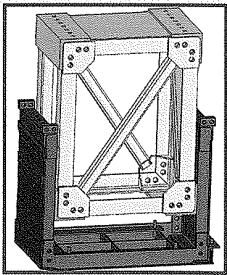
- Reduction in the number of pieces that require removal and handling, dramatically reducing the amount of time necessary for moving, transporting and changing widths.
- Incorporation of the latest, high quality, state-of-the-art electronic and hydraulic circuitries along with controls for future wireless guidance technology.
- Incorporation of the latest vibration, heat and noise reduction technologies for the Paver's Power Unit. Engines are selected to meet the latest U.S. EPA Emission Standards.
- Redesign of the main frame structure / pan system to ease width changes, crown locations (up to three crown points) and to minimize weight. This unique design reduces transport weight without sacrificing the Paver's structural integrity for paving widths out to 56'-0" (17m).
- Improved operator visibility, paver maneuverability, ease of operation and troubleshooting.
- Redesign of the bolsters allowing G&Z's patented Compact Dowel Bar Inserter (CDBI) Module to be used on the S1000 / S1500. This bolster redesign also improves transportability of the paver.

The S1000 / S1500 Pavers are designed to be the paver of choice for high quality concrete paving even under the strictest profilograph requirements in markets that require paving widths from 18'-0" (5.5m) out to 44'-0" (13.5m) and beyond. The S1000 / S1500 Pavers can be ordered with a wide array of optional attachments to provide you with a competitive edge.

Structural Integrity

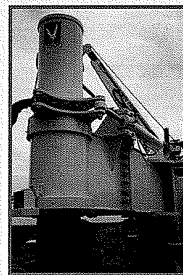
Latticework Mainframe

The precision built, latticework steel mainframe with slipform pan and thick steel flanges reduces the number of component parts and bolts on the machine. This simplifies and reduces the time required for changing paving widths and leveling the slipform pan. The design eliminates excess and unnecessary weight. The design also provides excellent mobility and offers the operator excellent visibility of machine functions.

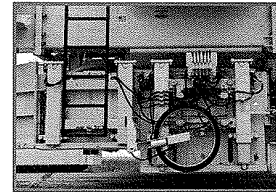


Jacking Columns / Leg Barrels

G&Z's square-to-round style jacking columns allow the most precise and positive steering control in the industry. The columns are manufactured with machined, bolt-in, replaceable bronze wearing plates that eliminate sticking and galling. Male leg barrels are provided with hard, 370/420 Brinell wear strips on all four sides. The leg barrels are machined square.

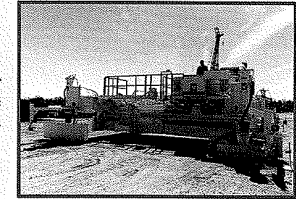


Evolutionary Features for Exceptional Paving Performance



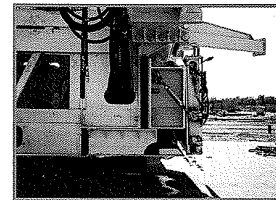
Split Guillotine Sideform

The front and rear portions of the guillotine sideforms are split allowing independent operation. The rear portion can be hydraulically winged out as much as 15° to back up over green concrete and to ease access to the edge overbuild for cleaning. Pavement thickness range is 0 to 18" (0 to 457mm) with optional extensions to 24" (610mm).



90° Steering

With the flip of a switch, the operator can remotely control and rotate the crawler tracks 90° to direction of travel in minutes, with no modification to the paver. The 90° steering feature provides increased maneuverability on the job site, speeds paver width changes and reduces loading time for transporting.

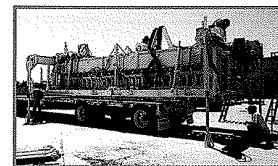


Fine Width Adjustment / Edge Overbuild

The paving kit terminal pan sections are provided with removable shim packs so the paving width can be fine adjusted for minor width changes, which minimizes concrete loss due to concrete swell. The terminal pan sections are provided with manual or hydraulic edge overbuild adjustment to help compensate for edge slump.

Optional Attachments

- Compact Dowel Bar Inserter Kit
- Longitudinal Tape Inserters
- Base Spreading Kit
- Side Dowel Bar Inserters
- Tamper Bar
- Sidefeeder/Spreader Attachments
- Cross Slope / Anti-Torsion Control
- Keyway Molds
- Side Tie Bar Inserters
- Trailing Finishing Pan with Edger Sideforms
- Computerized Crown Control
- Two Layer Paving Kit

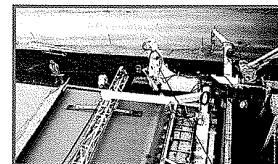


Compact Dowel Bar Inserter (CDBI)

Rear mounted, modular attachment for the S1000 / S1500 automatically inserts dowels at the location of the transverse contraction joint in the plastic concrete. The kit can be ordered with several options including self-loading hydraulic jacks to ease loading for transport.

Side Tie Bar Inserter (STBI)

Inserts straight or bent deformed steel bars into plastic concrete at rear of paving kit. The STBIs have a narrow profile design to minimize the clearance required when paving next to obstacles.



Final Finisher (FF)

Longitudinal oscillating float moves transversely back and forth across the slab smoothing surface imperfections and reducing the amount of hand finishing required. The speed of both the transverse and longitudinal movement is variable.

